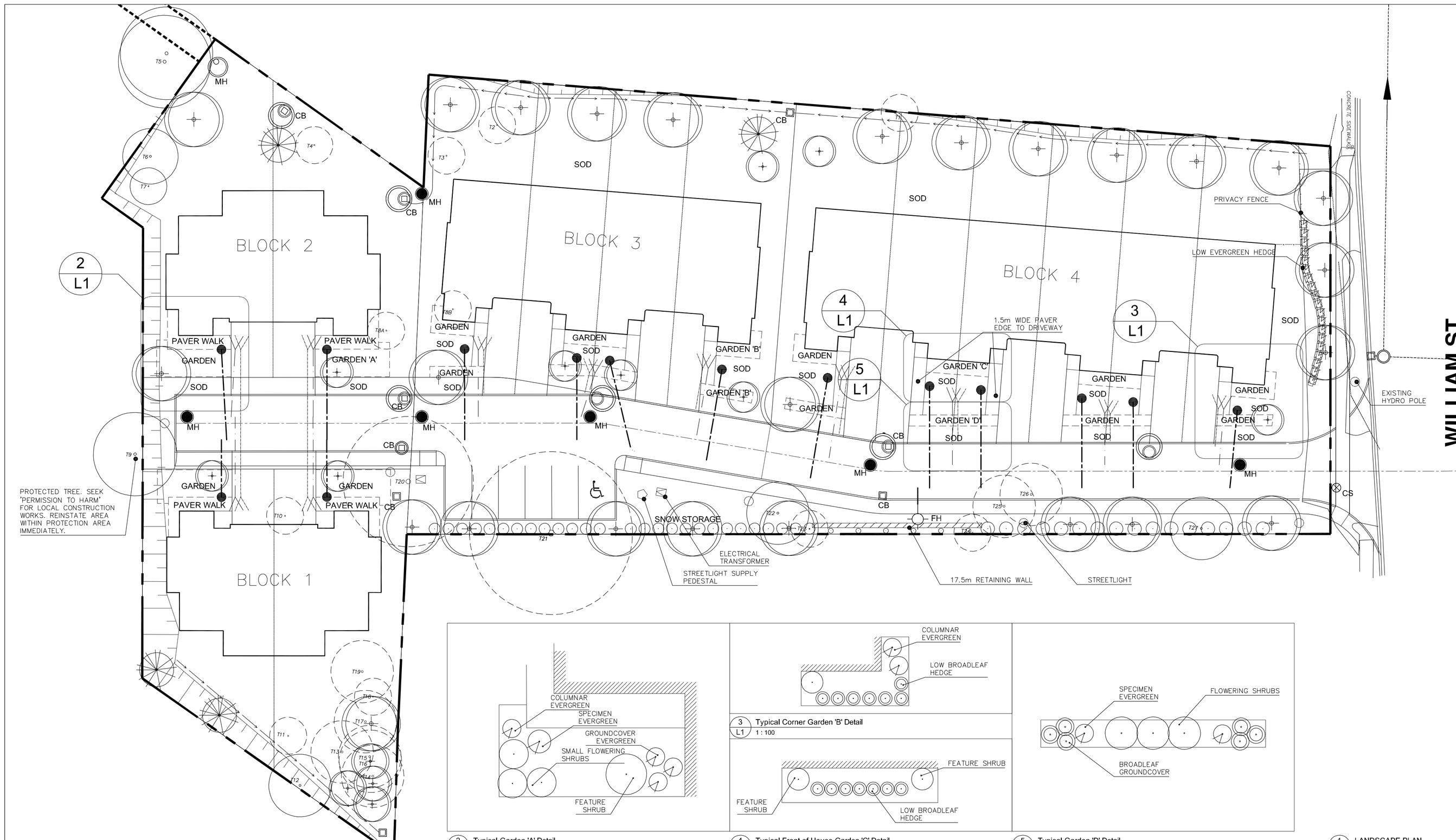


2 L1 Typical Garden 'A' Detail 1 : 100

3 L1 Typical Corner Garden 'B' Detail 1 : 100

4 L1 Typical Front of House Garden 'C' Detail 1 : 100

5 L1 Typical Garden 'D' Detail 1 : 100

1 L1 LANDSCAPE PLAN 1 : 250

PLANT LIST			
Quantity	Size	Botanical Name	Common Name
Coniferous Trees			
4	150 cm	Picea glauca	Colorado Blue Spruce
Deciduous Trees			
8	60 mm	Acer saccharum	Sugar Maple
8	60 mm	Acer x freemanii 'Autumn Blaze'	Autumn Blaze Maple
4	50 mm	Amelanchier x grandiflora 'Robin Hill'	Robin Hill Serviceberry
2	50 mm	Gingko biloba 'Autumn Gold'	Autumn Gold Maidenhair Tree
4	60 mm	Liquidamber styraciflua 'Moraine'	Moraine Sweetgum
3	50 mm	Malus 'Sugar Tyme'	Sugar Tyme Crabapple
4	50 mm	Pyrus calleryana 'Aristocrat'	Aristocrat Ornamental Pear
4	60 mm	Quercus rubra	Red Oak
Deciduous Shrubs - feature garden shrubs, unless noted 's' (small), to be used as groundcover			
2	50cm	Acer palmatum 'Emperor'	Emperor Red Japanese Maple
27	40cm	Hydrangea paniculata 'Jane'	Little Limelight Hydrangea
2	50cm	Magnolia stellata 'Royal Star'	Royal Star White Magnolia
16	30cm	Rosa polyantha 'The Fairy'	The Fairy Rose (s)
4	30cm	Spiraea x bumalda 'Goldflame'	Goldflame Spirea (s)
12	40cm	Weigela florida 'Variegata'	Variegated Leaf Weigela
16	50cm	Viburnam carlesii	Korean Spice Bush
Coniferous Shrubs - feature unless (s) small, to be used as ground cover or low hedge			
4	50cm	Chamaecyparis obtuse 'Nana Gracilis'	Dwarf Hinoki False Cypress
3	30cm	Junperus horizontalis 'Plumosa Compacta'	Compact Andorra Juniper (s)
3	30cm	Juniperus procumbens 'Nana'	Japanes Garden Juniper (s)
6	30cm	Juniperus squamata 'Blue Star'	Dwarf Blue Star Juniper (s)
2	40cm	Picea pungens 'Glauca Globosa'	Globe Blue Spruce
2	40cm	Pinus strobus 'Nana'	Dwarf White Pine
36	50cm	Taxus media 'Densiformis'	Dense Hedge Yew (s)
12	120cm	Thuja occidentlis 'Degroot's Spire'	Degroot's Spire Cedar
Broadleaf Evergreen Shrubs - all (s)			
49	30cm	Buxus	Boxwood
15	40cm	Euonymus fortunei 'Emerald Galety	Emerald Galety Euonymus
15	40cm	Euonymus fortunei 'Country Gold'	Country Gold Euonymus
Ornamental Grasses - 30cm Pots			
-		Helictotrichon sempervirens	Blue Oat Grass
-		Pennisetum orientale 'Karly Rose'	Karly Rose Fountain Grass
Perennials - used as ground cover, typically groups of three - 20cm Pots			
-		Lamium maculatum 'Beacon Silver'	Pink Flower Silver Lamium
-		Hosta 'Liberty'	Variegated Leaf Hosta
-		Hosta 'Big Daddy'	Blue Leaf Hosta
-		Sedum 'Vera Jameson'	Vera Jameson Stonecrop

GENERAL LANDSCAPING NOTES

Verify servicing and locate utilities prior to excavation.
Confirm site readiness and advise landscape architecture consultant of installation schedule.
Verify listed quantities with plan. Report discrepancies immediately. Ensure soil mixture including topsoil is suitable for work.
Mark out locations of trees for approval prior to planting.
Set out shrubs and ground covers for approval prior to planting.
All tree saucers, planters and shrub beds to be mulched.
Any rejected material shall be replaced immediately.
Ensure adequate watering of plantings to first winter dormancy.
Temporary staking to be removed by landscape contractor following acceptance at one year warranty review. Protect existing trees and natural areas to remain.
Where there is a discrepancy between drawings and Municipal specifications, the Municipal specifications shall prevail.

TREE PLANTING

Select specimen to suit location, setting plant in same level and orientation it grew, ie. north side of trunk facing north. Set nursery grown plants in planting pit and make minor adjustment to place plant for best appearance from main views. Set tree plumb in pit and coordinate installation to remove rope and wire basket as pit is backfilled, clipping the basket away in pieces without disturbing the tree. Remove at least half burlap covering and fold down remaining burlap to bury in pit. Ensure soil of rootball is moistened to keep rootball from breaking apart during planting. Stake tree to hold in place, refer above. scarify pit bottom and sides. Backfill pit with planting mixture in beds and for individual pits, a mixture of 2 parts soil with 1 part soil specified amendment. Tamp in 150mm layers; water thoroughly to saturate pit and surrounding soil. It is imperative the wire basket be removed and planting technique ensure the establishment of the tree.
Stake securely with 2 t-irons set plumb and at equal height. Tie tree to stakes with #9 gauge galvanized wire encased in 2-ply rubber hose encircling tree so that no wire is in direct contact with the tree. Ensure wire is securely attached to stakes and twist wire ends to eliminate exposed cuts. Do not pierce root ball with stakes. For deciduous trees, tie tree about height of first main branch. For coniferous trees, tie tree about half height of tree. Trees planted in exposed locations or on slopes may require three stakes. 100mm layer approved mulch such as shredded leaf litter or screened composted manure or dark coloured shredded wood.
Burlap wrapping shall be removed for inspection of trunk, and replaced. Install for length of trunk to first main branch. In addition, for trees not planted in beds, provide an approved plastic mowing guard, such as a 200mm big "o" boot. For trees which may be susceptible to rodent damage, an approved plastic guard shall be required instead, refer to plant list. Create saucer at base of tree with moat edge at perimeter of saucer. Neatly tool edge of mulched saucer to create 1m diameter circles at base of tree. Trim only injured plant parts; retaining natural shape. Ensure binding in branches is removed. Damaged or poorly structured plants are unacceptable. Bark damage including loose bark, unhealed wounds and splits in trunk bark is cause for rejection of tree.

SODDING AND SEEDING

After rough grading is approved and topsoil has been spread and finish graded to depth specified in contract or, a minimum 100mm compacted depth (which ever is more), inspect site readiness for sodding. Dampen soil surface to minimize dust. Respect governing regulations with respect to pollution control. Apply any required fertilizer as determined by contract soil testing and rake into top 100mm topsoil. Roll to consolidate topsoil, leaving smooth and firm against deep footprints. Just prior to sodding or seeding, machine rake soil to scarify surface and eliminate minor irregularities.
Sod shall be #1 nursery sod for lawns, uniformly thick and freshly cut. Cultivar blend consistent throughout. Do not use peat based sod supplied with plastic mesh. Lay sod within 36 hours of cutting. store in shade and keep cool until installed. Sod must be set with tight joints which are not visible upon completion. Do not overlap edges. Water sod within one hour of installation to thoroughly saturate sod and top 150mm of soil. Apply water by sprinkler method or similar temporary irrigation method which applies water in a manner which does not displace sod or soil. After sod has dried sufficiently, roll sodded area to ensure a good bond between sod and soil and to remove minor irregularities in the lawn surface. Peg lawn pieces on slopes where necessary. Do not use metal pegs.
All sodded and seeded areas are subject to a one year warranty from date of acceptance. Unless noted otherwise, areas are to be sodded.
Seed as specified on drawings.

SHRUB & GROUND COVER PLANTING

PLANTING BEDS AND SOIL MIXTURE
Shrubs and ground covers, to be contained in a continuous bed. Planting beds to be neatly set out and tool edged to create a smooth line with lawn. Generally, shrubs to be set out for approval prior to planting, and, shrubs set in a line or hedge pattern to be set evenly spaced from edge of planting bed or walkway or curb, minimum 60cm. Soil mixture for planting beds and tree pits to be horticultural quality topsoil free of weeds and grass roots. May be available from stockpile. Topsoil to be blended with aged screened soil amendment such as commercially prepared leaf litter or barnyard manure. 2 parts topsoil and 1 part soil amendment. Prepare planting beds to 45cm depth, crown beds, meet walkway 50mm below finish edge of walk. Remove all containers, plant and create a saucer at the base of each plant to facilitate watering. Water each plant thoroughly prior to placement of mulch. Install approved dark coloured mulch to a depth of 100mm in beds. Provide mulch sample for approval. See mulch notes on planting details.

Base Plan Information By Others

Refer to repsective drawings for current information.
Site Plan: R.W. Bruynson Inc.
Grading and Servicing: Candevcon Limited
Electrical: Datom Group Ltd.
Survey (Incl. Locates of Trees): IBW Surveyors
Plot Date June 14, 2019

Legend

- Tree to be preserved
- Tree to be removed
- New deciduous tree to be planted
- New coniferous tree to be planted
- Coniferous shrub
- Deciduous shrub
- Broadleaf shrub

PROTECTION OF EXISTING TREES – See also arborist report by Dreamworks Tree Services, Uxbridge Ontario, April 22, 2019, Updated October 2019.

1. Trees, individual or groups, and areas of existing vegetation to be protected are identified on this plan. Report any discrepancies to the landscape consultant immediately and prior to commencing work.

2. Prior to commencement of construction on site, erect temporary barrier fences around protected trees and areas. At minimum, fences to be located beyond outer edge of tree canopies, i.e. drip line plus 1 metre. Any variation shall be subject to approval. Town of Cobourg Urban Forestry Tree Protection Detail and instructions takes precedence.

3. Temporary barrier shall be paige wire type 1200mm high and held securely in place by straight metal T posts installed vertically and with a minimum 600mm length inserted into undisturbed ground at regular intervals max 2500mm on centre. Attach fence to the posts with wire or plastic ties. Check and maintain integrity of fence for the duration of the construction period. See detail "Tree Protection Detail".

4. The existing grade within the protected root zone shall remain undisturbed during construction, and storage of materials or equipment shall be prohibited. No soil or debris shall be placed over root systems of trees and plants within protective fencing. No contaminants shall be dumped, drained or flushed over feeder roots e.g. exhaust of standing vehicles, watering down of concrete trucks, etc. At time of site grading and related site work, remove barrier fence and all related accessories. Disposal shall remain the responsibility of the contractor.

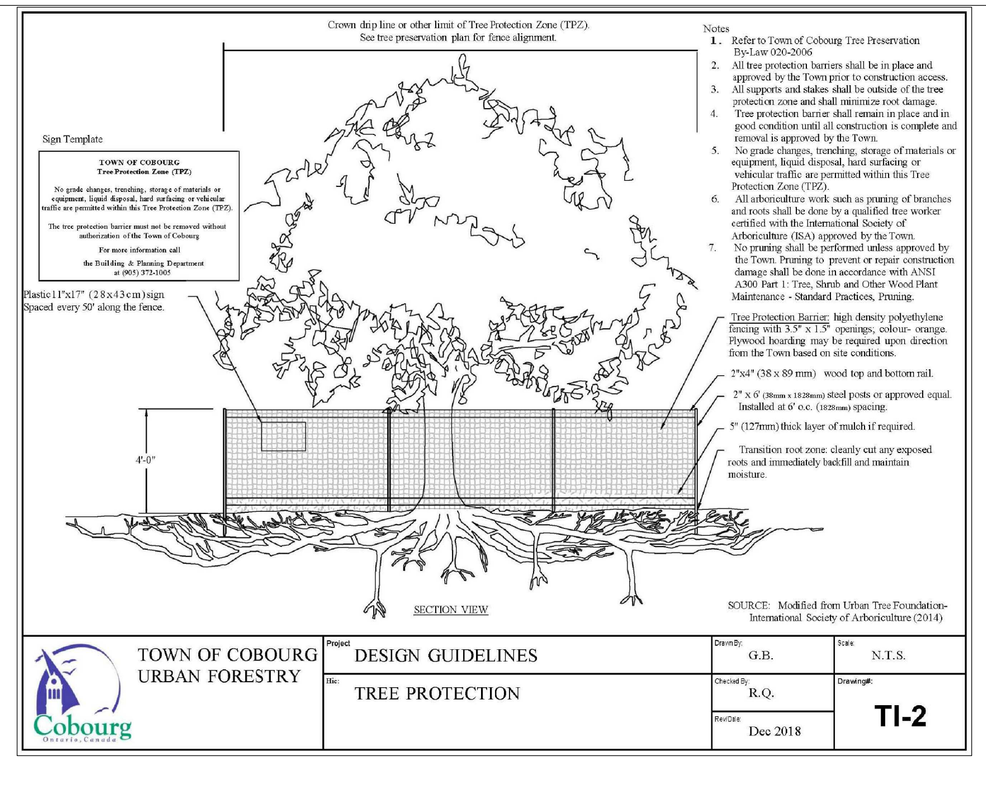
5. After construction of building footings and when trees are in full and mature leaf, assess trees and prune out dead wood. Where necessary, trees shall be pruned and shaped to restore overall balance between roots and top growth, and to restore appearance of the tree. A meeting with the landscape consultant is required prior to trimming operations. Trim limbs away from building and utility lines, and prune lower branches on selected trees to clear minimum 1800mm above grade for sight lines, near paths and path junctions. Dispose of debris as part of this contract. Woody material free of disease and insect infestation may be chipped and stored on site for use as mulch on shrub beds.

6. At time of site grading, use small machine to smooth surface at base of trees and over root zone to facilitate lawn cutting in areas designated as lawn. Minimize disturbance to roots and in particular fibrous feeder roots. Ensure positive drainage. Grades within root zone not to alter more than 50mm from existing. Fill deeper depressions with sandy topsoil. Refer to landscape plan for sodding and planting instructions.

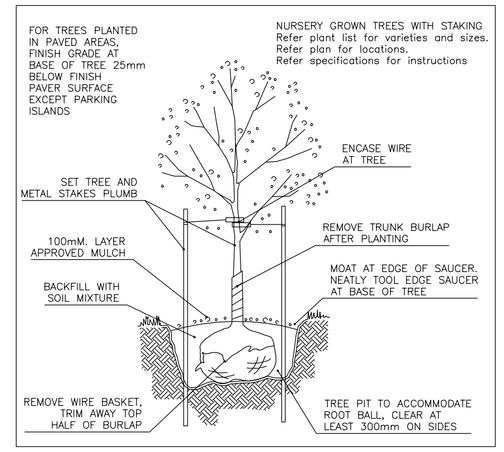
7. Leave site in tidy condition.

8. Protected trees shall be reassessed after construction by a tree management professional. All trees that have died or have been damaged beyond repair shall be removed and replaced by the General Contractor and/or Owner.

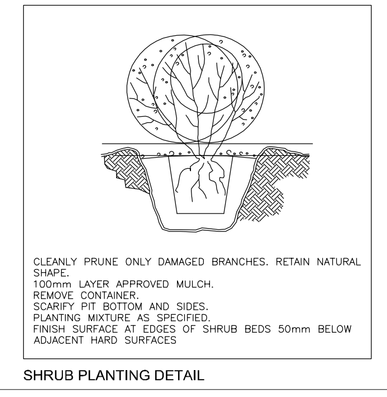
Existing Trees To Be Protected - Refer Report Above		
Number	Botanical Name	Common Name
T5		Black Walnut
T6		White Spruce
T7		Black Walnut
T9		Sugar Maple
T12		White Spruce
T22		Black Walnut
T27		Black Walnut



TOWN OF COBOURG URBAN FORESTRY	Project: DESIGN GUIDELINES	Drawn By: G.B.	Scale: N.T.S.
	No.: TREE PROTECTION	Checked By: R.Q.	Drawing#: TI-2
		Revised: Dec 2018	



TREE PLANTING DETAIL



SHRUB PLANTING DETAIL

No.	Revisions	Date
1	Issued for SPA	xx.xx.xxxx

All dimensions to be checked and verified on the job.
Any discrepancies are to be reported to the Consultant.
All drawings remain the property of the Consultant.
Only latest approved sealed and signed drawings to be used for construction.

Miriam L.R. Mutton
OALA CSLA
Landscape Architect
Cobourg, Ontario
(905) 372-1151

Project
377 WILLIAM ST
COBOURG, ONTARIO

Drawing Title
LANDSCAPE PLAN

Drawn	SR	Project No.	
Checked	MM	Drawing No	L1
Date	May 2019		
Scale	AS NOTED		